

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior version, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) An electronic apparatus suitable for displaying information via a display device, the display device having a display panel provided with driving electronics, the electronic apparatus comprising a controller for selecting at least one application for the display device and further comprising memory means for storing at least display parameters related to said application and means for providing said display parameters to an interface between the electronic apparatus and the display device, the display parameters belonging to a group consisting of: a number of lines to be displayed, a number of columns to be displayed, parameters related to driving transistors of the display device, and power saving parameters for the display device.

2. (Previously Presented) The electronic apparatus of claim 1, further comprising memory means for storing parameters related to the selection of driving transistors.

3-5. (Canceled)

6. (Currently Amended) A display device for use in an electronic apparatus comprising a controller for selecting at least one application for the display device and further comprising memory means for storing at least display parameters related to said application and means for providing said display parameters to an interface between the electronic apparatus and the display device, the display parameters belonging to a group consisting of: a number of lines to be displayed, a number of columns to be displayed, parameters related to driving transistors of the display device, and power saving parameters for the display device, the display device comprising:

a display panel provided with driving electronics; and

means for recognizing an identification code at an interface between the electronic apparatus and the display device.

7. (Previously Presented) A display device according to claim 6 the driving electronics further comprising storage means for storing a sequence of parameters controlling the panel received via the interface from the electronic apparatus.

8. (Previously Presented) The electronic apparatus of claim 1, wherein the display parameters include at least one of a gate select width, a gate enable width, and a power saving pulse width.

9. (Previously Presented) A method of an electronic apparatus controlling a display device for at least one application, the method comprising:

programming into a memory of the electronic apparatus display parameters related to the application, the display parameters including at least one selected from a group consisting of: number of lines to be displayed, a number of columns to be displayed, parameters related to driving transistors of the display device, and power saving parameters for the display device; and providing the display parameters from the electronic apparatus to the display device.

10. (Currently Amended) The method of claim 9 [[11]], further comprising storing the display parameters in a memory of the display device.

11. (Currently Amended) The method of claim 9 [[11]], wherein the display parameters include at least one of the parameters: a gate select width; a gate enable width; and a power saving pulse width.

12. (Previously Presented) The electronic apparatus of claim 1, wherein the controller is adapted to select the one application from a group of applications including both a telephone application and a calculator application.

13. (Previously Presented) The method of claim 9, wherein the application is one of a telephone application and a calculator application.

14. (New) The method of claim 9, further comprising:

sending a sequence of data blocks to a controller of the display device during at least one dummy line of a frame, wherein no image data is to be sent to the display device during said at least one dummy line, wherein one of the data block is a predetermined bit pattern to be recognized by the controller of the display device, and wherein the display parameters are provided in the remaining data blocks of the sequence;

if the controller of the display device does not recognize the predetermined bit pattern, ignoring the display parameters provided in the remaining data blocks of the sequence;

if the controller of the display device recognizes the predetermined bit pattern, loading the display parameters from the remaining data blocks of the sequence into a memory of the display device.

15. (New) The method of claim 14, wherein
said at least one dummy line includes the first line of said frame.

16. (New) The method of claim 14, wherein
said predetermined bit pattern is in the first data block of said sequence.

17. (New) The method of claim 14, wherein
the display parameters are provided during a plurality of dummy lines of said frame.

18. (New) The method of claim 14, wherein at least one data block in said
sequence defines at least one of
the number of dummy lines at the beginning of each frame; and

the number of dummy pixels inserted at the beginning of each line before the image data of each frame.